IN THE UNITED STATES PATENT OFFICE

In re application of: Paul J. Rudeck Kelly T. Hurley

Serial No.: Not Assigned

Filed: November 25, 2003 (Concurrently Herewith)

For: METHOD AND STRUCTURE FOR AN OXIDE LAYER OVERLYING AND OXIDATION-

RESISTANT LAYER

§ Group Art Unit: Not Assigned

Examiner: Not Assigned

Atty. Docket: 1998-0609.02/US

Paper No. *

§ §

§

§

999999

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Certificate of Express Mailing (37 CFR §1.10)

"Express Mail" mail number: ET658403234US

Date of Deposit: November 25, 2003

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VAZC313-1450//

Signature

INFORMATION DISCLOSURE STATEMENT

In compliance with the duty of disclosure under 37 CFR §1.56, Applicant respectfully requests entry of this Information Disclosure Statement, and that the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record. As the references consist only of patent documents cumulative from the parent, copies are not enclosed.

In accordance with 37 CFR §1.97(b), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possible material information as defined in 37 CFR §1.56(a) exists.

Inventors: Rudeck, et al.

The following references are submitted for the Examiner's review:

U.S. Patent Documents

| Document No. | Date | Inventor |
|--------------|---------|------------------|
| 4,870,470 | 09/1989 | Bass et al. |
| 5,378,659 | 01/1995 | Roman et al. |
| 5,656,837 | 08/1997 | Lancaster et al. |
| 5,719,410 | 02/1998 | Suehiro et al. |
| 5,781,031 | 07/1998 | Bertin et al. |
| 5,789,295 | 08/1998 | Liu |
| 5,963,806 | 10/1999 | Sung et al. |
| 5,981,403 | 11/1999 | Ma et al. |
| 5,985,771 | 11/1999 | Moore et al. |
| 6,051,511 | 04/2000 | Thakur et al. |
| 6,069,640 | 05/2000 | Kubatzki |
| 6,177,311 | 01/2001 | Kauffman et al. |
| 6,653,683 | 11/2003 | Rudeck et al. |

Other References:

Cohen, et al. "A novel double metal structure for voltage programmable links" IEEE Electron Device Letters (Sept. 1992) vol. 13, No. 9, pp. 488-490.

As this Information Disclosure Statement is being submitted before the mailing of a first Office Action on the merits, no fee is due. However, the Commissioner is authorized to charge any required fee to Micron Technology Inc. Deposit Account No.13-3092, Order No. 1998-0609.02/US.

If there are any matters which may be resolved or clarified through telephone interview, the Examiner is respectfully requested to contact Applicant's undersigned agent at the number indicated.

* * * *

A Form PTO-1449 is enclosed herewith.

Respectfully submitted,

Kevin D. Martin

Agent for Applicant

Registration No. 37,882

Micron Technology, Inc.

PO Box 6

Boise, ID 83707-0006 Ph: (208) 368-4516

FAX: (208) 368-5606

e-mail: kmartin@micron.com

| FORM: P' (REV: 7- | | | | | F COMMERCE MARK OFFICE | Atty Docket No: 1998-0609.02/US | | Serial No: Not Assigned | | | |
|----------------------|----------|---|--------------|-------------|---------------------------|---------------------------------|--------------|-------------------------|----------|--------------|--|
| • | ŕ | | | | | Applicant: | | | Assigne | <u>ea</u> | |
| INFO | RMAII | ON DISCLOSU | KE STATEW | TENI B | Y APPLICANT | Micron Techr Filing Date: | iology, In | Group: | | | |
| (37 CFR 1. | | (use several | chaate if | (nagarramı) | November 25, 2003 | | Not Assigned | | | | |
| (31 CIR 1. | .70(0)) | | (use severat | sneets tj | necessury) | 140Veiliber 2 | Not Assigned | | | | |
| | | | | U.S. P. | ATENT DOCUMEN | TS | | | | | |
| Examiner | | Document | | | | | | | | | |
| Initial | | Number | I | Date | Name | • | Class | Subclass | | | |
| | AA | 4,870,470 | 09 | /1989 | Bass et al. | 3.5 | 57 | 23.5 | | | |
| | AB | 5,378,659 | 01 | /1995 | Roman et al. | 43 | 37 | 229 | | | |
| | AC | 5,656,837 | 08 | /1997 | Lancaster et al. | 25 | 7 | 314 | | | |
| | AD | 5,719,410 | 02 | /1998 | Suehiro et al. | 25 | 7 | 77 | | | |
| | AE | 5,781,031 | 07 | /1998 | Bertin et al. | 32 | 6 | 39 | | | |
| | AF | 5,789,295 | 08 | /1998 | Liu | 43 | 8 | 264 | | | |
| | AG | 5,963,806 | | /1999 | Sung et al. | 43 | 8 | 266 | | | |
| | AH | 5,981,403 | 11 | /1999 | Ma et al. | 43 | 8 | 758 | | | |
| | AI | 5,985,771 | 11 | /1999 | Moore et al. | 43 | 8 | 791 | 1 | | |
| | AJ | 6,051,511 | 04 | /2000 | Thakur et al. | 43 | 8 | 791 | 1 | | |
| | AK | 6,069,640 | 05 | /2000 | Kubatzki | 43 | 8 | 652 | | | |
| | AL | 6,177,311 | 01 | /2001 | Kauffman et al. | 43 | 8 | 257 | | | |
| | AM | 6,653,683 | | /2003 | Rudeck et al. | 25 | | 315 | | | |
| | | | | | | | | | | | |
| | | | F | OREIG | N PATENT DOCUM | ENTS | | | | | |
| Examiner | | Document | | | | | | | Trans | slation | |
| Initial | | Number | Date | | Country | (| Class | Subclass | Yes | No | |
| | AN | | | | | | | | \bot | $oxed{\Box}$ | |
| | AO | | | | | | | | | | |
| | AP | | | | | | | | | | |
| | | | | | | | | | | | |
| Initial | , | | OT | HER AI | RT (including author, | title, date, pertin | ent pages. | , etc.) | | | |
| | | | | | ouble metal structure f | | ımmable l | inks" IEEE E | Electron | Devic | |
| | AQ | Letters (Sept 1992) vol. 13, No.9, pp. 488-490. | | | | | | | | | |
| | <u> </u> | | <u>_</u> | | | | | | | | |
| | | | | | | | | | | | |
| | AR | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | AS | ı İ | | | | | | | | | |

| | | | | | | | | | | | Sheet | 1 of: | 1 |
|-----------------------|---------|---|----------|-----------|------------|-------------------|---------------------------------------|---------------------------------|------------------------------|-------------------------|------------|--------|---------|
| FORM: P' (REV: 7- | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | | | Atty Docket No: 1998-0609.02/US | | Serial No: Not Assigned | | | |
| INFO | RMATI | ON DISCLO | SII | RE ST | ATEM | IENT R | Y APPLICANT | Applican | t: Fechnology, I n | 10 | | | |
| 1110 | 1417311 | ON DISCE. | ,,,, | TE ST | ALDIV. | IENI D | TATLECAN | Filing Da | | Group: | | | _ |
| (37 CFR 1.98(b)) (use | | (use s | everal . | sheets if | necessary) | November 25, 2003 | | Not Assigned | | | | | |
| | | | | | | IIC D | ATENIT DOCUMEN | ITC | | | | | |
| Examiner | | Docur | men | t | | U.S. P. | ATENT DOCUMEN | (15 | | | | | |
| Initial | | Num | | • | Γ | Date | Name | | Class | Subclass | | | |
| | AA | 4,870,470 | | | | /1989 | Bass et al. | | 357 | 23.5 | | | |
| | AB | 5,378,659 | | | 01/ | /1995 | Roman et al. | | 437 | 229 | | | |
| | AC | 5,656,837 | | | 08/ | /1997 | Lancaster et al. | | 257 | 314 | | | |
| | AD | 5,719,410 | | | 02/ | /1998 | Suehiro et al. | | 257 | 77 | | | |
| | AE | 5,781,031 | | | 07/ | /1998 | Bertin et al. | | 326 | 39 | | | |
| | AF | 5,789,295 | | | 08/ | /1998 | Liu | | 438 | 264 | | | |
| | AG | 5,963,806 | | | 10 | /1999 | Sung et al. | | 438 | 266 | <u> </u> | | |
| *** | AH | 5,981,403 | | | 11/ | /1999 | Ma et al. | | 438 | 758 | | | |
| | AI | 5,985,771 | | | 11/ | /1999 | Moore et al. | | 438 | 791 | | | |
| | AJ | 6,051,511 | | | | /2000 | Thakur et al. | | 438 | 791 | | | |
| | AK | 6,069,640 | | | | /2000 | Kubatzki | | 438 | 652 | | | |
| | AL | 6,177,311 | | | | /2001 | Kauffman et al. | | 438 | 257 | ļ <u>.</u> | | |
| | AM | 6,653,683 | | | 11 | /2003 | Rudeck et al. | | 257 | 315 | | | \Box |
| | | | | | FC | DREIGN | N PATENT DOCUM | IFNTS | | | | | |
| Examiner | | Documen | t | | • • |)IUIGI | VIAILIVI BOCON | IZI I I | | | Trans | slatio | n |
| Initial | | Number | | Da | ite | | Country | | Class | Subclass | Yes | No | |
| | AN | | | | | | | | | | | I^-C | |
| | AO | | | | | | | | | | | | וֹ |
| | AP | | | | | | | | | | | | \prod |
| | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| <u>Initial</u> | т г | | | | | | RT (including author | | | | | | |
| | , | - | | | | | ouble metal structure | | orogrammable l | ınks" IEEE I | Electron | Devi | ce |
| | AQ | - | Le | tters (So | ept 199 | 92) vol. | 13, No.9, pp. 488-490 |). | | | | | |
| | | | | | | | | | | | | | |
| | AR | | | | | | | | | | | | |
| _ | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | AS | | | | | | | | | | | | |
| | AT | | | | | | | | | | | | |
| | | | | | | | | | | | | | _ |
| Examiner: | | | | | | | Date Consi | dered: | | | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.